

File No.: 9-14774-13US

DATE: March 30, 2004

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Applicant:** Alexander R. LaChance et al.  
**Serial No.:** Not yet assigned  
**Filed:** Concurrently herewith.  
**Title:** METHOD AND APPARATUS FOR PRODUCING A 3-D  
MODEL OF A SEMICONDUCTOR CHIP FROM MOSAIC  
IMAGES  
**Agent of Record:** 9-14774-13US **Tel:** (613) 780-8681

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**Mail Stop DD**  
Commissioner for Patents  
United States Patent and Trademark Office  
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Alexandria, VA 22313-1450  
U.S.A.

Sir:

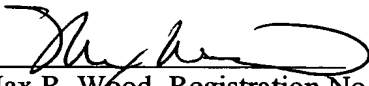
**INFORMATION DISCLOSURE STATEMENT**  
**PRIOR TO FIRST OFFICE ACTION**

Pursuant to the duty of disclosure under 37 CFR 1.56, copies of the references listed on the attached PTO Form 1449 (other than U.S. patents and U.S. published applications) are submitted herewith.

The Examiner is kindly requested to consider these references during the examination of the above-identified application, making the references of record, and to return an initialed copy of the PTO-1449 Form to the below-signed agent.

In accordance with 37 CFR 1.97(h), the submission of the present information is not to be construed as an admission that such information is, or is considered to be material to patentability.

Respectfully submitted,

By:   
Max R. Wood, Registration No. 40,388  
OGILVY RENAULT  
1600 - 1981 McGill College Avenue  
Montreal, Quebec, Canada H3A 2Y3

Encls.

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| Form PTO-1449<br>(Rev.7-80)  | U.S. Department of Commerce<br>Patent & Trademark Office | ATTY. DOCKET NO.<br>9-14774-13US      | SERIAL NO.<br>Not yet assigned |
| LIST OF REFERENCES CITED BY APPLICANT<br>(Use several sheets if necessary) |  | APPLICANT<br>Alexander R. LaChance    |                                |
|  |  | FILING DATE:<br>Concurrently herewith | GROUP                          |

## U.S. PATENT DOCUMENTS

| *Examiner Initial |    | Document Number | Date        | Name       | Class | Subclass | Filing Date |
|-------------------|----|-----------------|-------------|------------|-------|----------|-------------|
|                   | AA | 2003/0084409    | May 1, 2003 | Abt et al. | G06F  | 17/50    | Oct/10/02   |
|                   | AB |                 |             |            |       |          |             |
|                   | AC |                 |             |            |       |          |             |
|                   | AD |                 |             |            |       |          |             |
|                   | AE |                 |             |            |       |          |             |
|                   | AF |                 |             |            |       |          |             |
|                   | AG |                 |             |            |       |          |             |
|                   | AH |                 |             |            |       |          |             |
|                   | AI |                 |             |            |       |          |             |
|                   | AJ |                 |             |            |       |          |             |
|                   | AK |                 |             |            |       |          |             |

## FOREIGN PATENT DOCUMENTS

|  |    | Document number | Date | Country | Class | Subclass | Translation |
|--|----|-----------------|------|---------|-------|----------|-------------|
|  | AL |                 |      |         |       |          |             |
|  | AM |                 |      |         |       |          |             |
|  | AN |                 |      |         |       |          |             |
|  | AO |                 |      |         |       |          |             |
|  | AP |                 |      |         |       |          |             |

OTHER REFERENCES *(Including Author, Title, Date, Pertinent Pages, Etc.)*

|  |    |   |
|--|----|---|
|  | AR | Sobel Edge Detector, pages 1-10 <a href="http://www.dai.ed.ac.uk/HIPR2/sobel.htm">http://www.dai.ed.ac.uk/HIPR2/sobel.htm</a>   |
|  | AS | R2V softwares - Vectorising the raster/scanned maps with easy and fastest way, Dr. Yecheng (Ted) Wu, Pages 1-4, <a href="http://www.gisdevelopment.net/technology/gis/techgi0015pf.htm">http://www.gisdevelopment.net/technology/gis/techgi0015pf.htm</a> |
|  | AT |   |

|   |                 |
|---|-----------------|
| Examiner  | Date considered |
| *Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |                 |